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This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A solid state fuel cell comprising a non-polymeric electrolyte, the fuel cell further comprising a member which supports one or more ceramic layers, the member having a porous region bounded by a non-porous region, the non-porous region creating a gas-tight seal which prevents direct combination of oxidant and fuel, and the member comprising metallic non-alloyed titanium.

- 2. (original) A fuel cell according to claim 1 wherein the fuel cell comprises ceramic.
- 3. (original) A fuel cell according to claim 2 which is a solid oxide fuel cell.
- 4. (canceled)
- 5. (canceled)
- 6. (withdrawn) The fuel cell according to claim 3 wherein the member comprises an electrode.
- 7. (withdrawn) The fuel cell according to claim 3 wherein the member supports an electrode.
- 8. (previously presented)A fuel cell according to claim 1 wherein the member supports an electrolyte.
- 9. (canceled)
- 10. (currently amended) A fuel cell according to claim [[9]] 1 wherein at least one of the one or more ceramic layers comprises cerium gadolinium oxide, yttria stabilised zirconia, nickel oxide/yttria stabilised zirconia cermet, nickel oxide/cerium gadolinium oxide cermet,

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lanthanum strontium cobalt ferrite/cerium gadolinium oxide, doped lanthanum manganate or mixtures thereof.

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11. (withdrawn) A fuel cell according to claim 9 wherein at least one of the one or more ceramic layers is an electrode.

12. (withdrawn) A fuel cell according to claim 9 wherein at least one of the one or more ceramic layers is an interface layer.

13. (currently amended) A fuel cell according to claim [[9]] 1 wherein at least one of the one or more ceramic layers is an electrolyte.

14. (previously presented)A fuel cell according to claim 1 wherein the member is a structural member.

15. (withdrawn) A fuel cell according to claim 5 further comprising an interconnect comprising titanium or an alloy thereof.

16. (withdrawn) A fuel cell according to claim 15 wherein the interconnect is in contact with the member.

17. (withdrawn) A fuel cell according to claim 3 wherein the porous region comprises sintered metal powder.

18. (withdrawn) A fuel cell according to claim 3 wherein the porous region comprises metal felt.

19. (withdrawn) A fuel cell according to claim 3 wherein the porous region is formed by laser machining.

20. (withdrawn-previously presented) A fuel cell according to claim 3 wherein the porous region is formed by electrodeposition.

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21. (original) A fuel cell according to claim 3 wherein the porous region is formed by etching.

- 22. (withdrawn) A fuel cell according to claim 21 wherein the etching is photochemical etching.
- 23. (original) A fuel cell according to claim 21 wherein the etching is electrochemical etching.
- 24. (withdrawn) A fuel cell according to claim 15 wherein either the member or the interconnect, or both, are formed by pressing.
- 25. (canceled)
- 26. (withdrawn) A fuel cell according to claim 15 wherein either the member or the interconnect, or both, comprise at least 98% titanium by weight.
- 27. (withdrawn) A fuel cell according to claim 15 wherein either the member or the interconnect, or both, comprise at least 85% titanium by weight.
- 28. (withdrawn) A fuel cell according to claim 15 wherein either the member or the interconnect, or both, comprise at least 76% titanium by weight.
- 29. (canceled)
- 30. (canceled)
- 31. (withdrawn) A fuel cell according to claim 15 wherein either the member or the interconnect, or both, comprise a titanium alloy.

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32. (withdrawn-Previously presented) A fuel cell according to claim 31 wherein the titanium alloy is Ti-6A1-4V, Ti-3A1-2.5V, Ti-6Al-2Sn-4Zr-2Mo-0.08Si or Ti-15Mo-3Nb-3A1-0.2Si.

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- 33. (withdrawn) A fuel cell according to claim 15 wherein either the member or the interconnect, or both, comprise metal foil.
- 34. (withdrawn-previously presented) A protonic ceramic fuel cell comprising a non-polymeric electrolyte, the fuel cell further comprising a member having a porous region bounded by a non-porous region, the member comprising metallic non-alloyed titanium.
- 35. (canceled)
- 36. (withdrawn-Previously presented) The fuel cell according to claim 34 wherein the porous region is bounded by the non-porous region.
- 37. (withdrawn) The fuel cell according to claim 36 having an electrode comprising the member.
- 38. (withdrawn) The fuel cell according to claim 36 wherein the member supports an electrode.
- 39. (withdrawn) A fuel cell according to claim 36 wherein the member supports an electrolyte.
- 40. (withdrawn) A fuel cell according to claim 36 wherein the member supports one or more ceramic layers.
- 41. (withdrawn) A fuel cell according to claim 40 wherein at least one of the one or more ceramic layers comprises cerium gadolinium oxide, yttria stabilised zirconia, nickel oxide/ yttria stabilised zirconia cermet, nickel oxide/ cerium gadolinium oxide cermet,

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lanthanum strontium cobalt ferrite /cerium gadolinium oxide, doped lanthanum manganate or mixtures thereof.

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42. (withdrawn) A fuel cell according to claim 40 wherein at least one of the one or more ceramic layers is an electrode.

43. (withdrawn) A fuel cell according to claim 40 wherein at least one of the one or more ceramic layers is an interface layer.

44. (withdrawn) A fuel cell according to claim 40 wherein at least one of the one or more ceramic layers is an electrolyte.

45. (withdrawn) A fuel cell according to claim 36 wherein the member is a structural member.

46. (withdrawn) A fuel cell according to claim 36 further comprising an interconnect comprising titanium or an alloy thereof.

47. (withdrawn) A fuel cell according to claim 46 wherein the interconnect is in contact with the member.

48. (withdrawn) A fuel cell according to claim 34 wherein the porous region comprises sintered metal powder.

49. (withdrawn) A fuel cell according to claim 34 wherein the porous region comprises metal felt.

50. (withdrawn) A fuel cell according to claim 34 wherein the porous region is formed by laser machining.

51. (withdrawn-Previously presented) A fuel cell according to claim 34 wherein the porous region is formed by electrodeposition.

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52. (withdrawn) A fuel cell according to claim 34 wherein the porous region is formed by etching.

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- 53. (withdrawn) A fuel cell according to claim 52 wherein the etching is photochemical etching.
- 54. (withdrawn) A fuel cell according to claim 52 wherein the etching is electrochemical etching.
- 55. (withdrawn) A fuel cell according to claim 46 wherein either the member or the interconnect, or both, are formed by pressing.
- 56. (withdrawn) A fuel cell according to claim 46 wherein either the member or the interconnect, or both, are formed by superplastic forming.
- 57. (withdrawn) A fuel cell according to claim 46 wherein either the member or the interconnect, or both, comprise at least 98% titanium by weight.
- 58. (withdrawn) A fuel cell according to claim 46 wherein either the member or the interconnect, or both, comprise at least 85% titanium by weight.
- 59. (withdrawn) A fuel cell according to claim 46 wherein either the member or the interconnect, or both, comprise at least 76% titanium by weight.
- 60. (canceled).
- 61. (withdrawn) A fuel cell according to claim 46 wherein either the member or the interconnect, or both, comprise non-alloyed titanium.
- 62. (withdrawn) A fuel cell according to claim 46 wherein either the member or the interconnect, or both, comprise a titanium alloy.

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63. (withdrawn-previously presented) A fuel cell according to claim 62 wherein the titanium alloy is Ti-6A1-4V, Ti-3A1-2.5V, Zr-2Mo-0.08Si or Ti-15Mo-3Nb-3A1-0.2Si.

- 64. (withdrawn) A fuel cell according to claim 46 wherein either the member or the interconnect, or both, comprise metal foil.
- 65. (currently amended) A solid state fuel cell comprising a non-polymeric electrolyte, and further comprising a plurality of members, at least one of the plurality of members supporting one or more ceramic layers, or interconnects, or both, each member having a porous region bounded by a non-porous region, the non-porous regions creating a gas-tight seal which prevents direct combination of oxidant and fuel; and the members and interconnect comprising metallic non-alloyed titanium.
- 66. (original) The solid state fuel cell of claim 65 wherein the fuel cell is a solid oxide fuel cell or a protonic ceramic fuel cell.
- 67. (canceled)
- 68. (currently amended) The solid state fuel cell of claim [[67]] 65 wherein at least one of the one or more ceramic layers comprises cerium gadolinium oxide, yttria stabilised zirconia, nickel oxide/yttria stabilised zirconia cermet, nickel oxide/erium gadolinium oxide cermet, lanthanum strontium cobalt ferrite/cerium gadolinium oxide cermet, lanthanum strontium cobalt ferrite/cerium gadolinium oxide, doped lanthanum manganate or mixtures thereof.
- 69. (withdrawn) The solid state fuel cell of claim 68 wherein at least one of the one or more ceramic layers is an electrotrode.
- 70. (withdrawn) The solid state fuel cell of claim 68 wherein at least one of the one or more ceramic layers is an interface layer.

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71. (original) The solid state fuel cell of claim 68 wherein at least one of the one or more ceramic layers is an electrolyte.

- 72. (withdrawn-previously presented) The solid state fuel cell of claim 65 wherein the plurality of the members or interconnects or both comprise a titanium alloy, wherein the titanium alloy is Ti-6A1-4V, Ti-3A1-2.5V, Ti-6Al-2Sn-4Zr-2Mo-0.08Si or Ti-15Mo-3Nb-3A1-0.2Si.
- 73. (original) The solid state fuel cell of claim 65 wherein one or more of the plurality of member, or interconnects, or both, comprise metal foil.
- 74. (new) The solid state fuel cell of claim 65 further comprising a plurality of interconnects, the interconnects comprising metallic titanium or an alloy thereof.